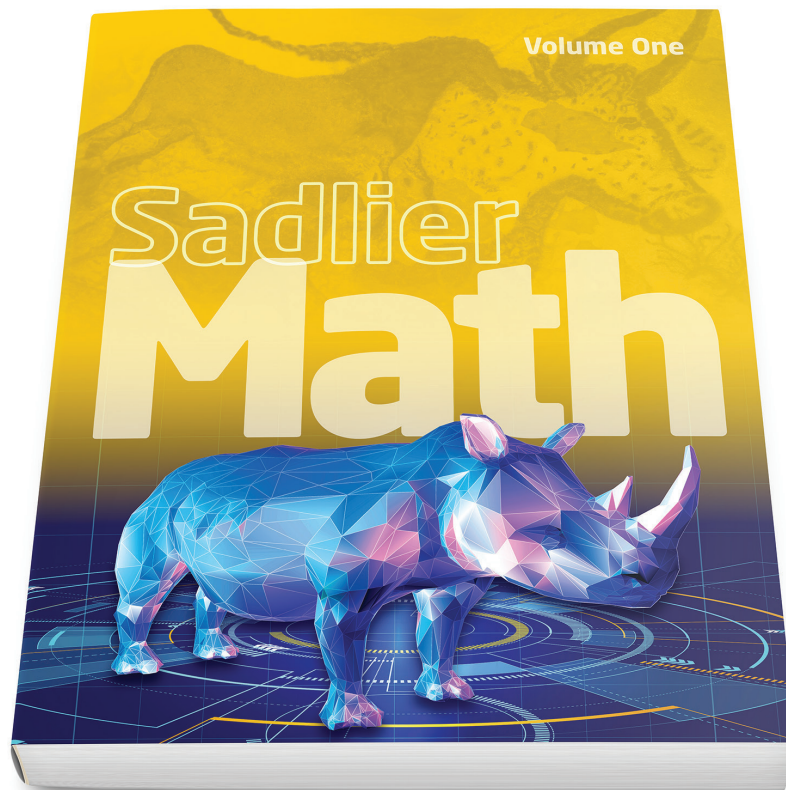


Sadlier Math™

Correlation to the Archdiocese of Cincinnati
Graded Course of Study for Mathematics 2012

Grade K



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STANDARD 1 – NUMBERS, NUMBER SENSE AND TIME

Kindergarten Content Standards	Sadlier Math, Kindergarten
M.K.1.1 Count to 100 by ones and by tens and count forward from a given within the known sequence.	Chapter 16: 16-1 through 16-6
M.K.1.2 Represent quantities with numbers up to 20, verbally, written and using manipulatives.	Chapter 2: 2-4 through 2-6 Chapter 4: 4-1 through 4-3 Chapter 12: 12-1 through 12-8
M.K.1.3 Solve problems including those involving sets by counting, by using cardinal and ordinal numbers, by comparing, by ordering and by creating sets up to 20.	Chapter 2: 2-4 through 2-7 Chapter 3: 3-1 through 3-7 Chapter 4: 4-1 through 4-3, 4-5 Chapter 5: 5-3, 5-7 & 5-8 Chapter 12: 12-1 through 12-9
M.K.1.4 Solve word problems involving simple joining and separating sets of objects.	Chapter 10: 10-1 through 10-9 Chapter 11: 11-1 through 11-9
M.K.1.5 Create and use counting strategies and number patterns to compare whole numbers up to 10 and arrange them in numerical order.	Chapter 3: 3-1 through 3-6 Chapter 5: 5-3 Chapter 12: 12-2, 12-4
M.K.1.6 Compose and decompose numbers from 11-19 into ten ones and some further ones by using objects or drawings, and equations (such as $18 = 10 + 8$).	Chapter 13: 13-1 through 13-6
M.K.1.7 Model solving routine and non-routine problems by acting them out, using manipulatives and drawing diagrams.	Chapter 1: 1-1 through 1-4 Chapter 4: 4-1 Chapter 7: 7-6 Chapter 8: 8-7 Chapter 13: 13-1, 13-5 & 13-6

STANDARD 2 – COMPUTATION AND PATTERNS

Kindergarten Content Standards	Sadlier Math, Kindergarten
M.K.2.1 Identify and duplicate simple numbers and non-numeric repeating and growing patterns.	Chapter 6: 6-6, 6-7 & 6-9 Chapter 10: 10-7 Chapter 11: 11-7 Chapter 16: 16-1 through 16-5

STANDARD 2 – COMPUTATION AND PATTERNS

Kindergarten Content Standards	Sadlier Math, Kindergarten
M.K.2.2 Fluently add and subtract within 5.	Chapter 10: 10-1 through 10-8 Chapter 11: 11-1 through 11-8

STANDARD 3 – GEOMETRY (DIMENSIONAL SHAPES)

Kindergarten Content Standards	Sadlier Math, Kindergarten
M.K.3.1 Describe, sort and resort objects using a variety of attributes such as size, shape and position.	Chapter 1: 1-1 through 1-6
M.K.3.2 Identify, name, describe and sort basic two-dimensional shapes such as squares, triangles, circles, rectangles, hexagons and trapezoids.	Chapter 6: 6-1 through 6-6
M.K.3.3 Use basic shapes, spatial reasoning and manipulatives to model objects in the environment and to construct more complex shapes.	Chapter 6: 6-1 through 6-8 Chapter 7: 7-1 through 7-6 Chapter 8: 8-1 through 8-7
M.K.3.4 Identify, name, describe and sort three-dimensional shapes such as spheres, cubes and cylinders.	Chapter 7: 7-1 through 7-6
M.K.3.5 Interpret the physical world using geometric shapes and describe it with corresponding vocabulary.	Chapter 6: 6-1 through 6-6 Chapter 7: 7-1 through 7-6

STANDARD 4 – ALGEBRA AND FUNCTIONS /DATA

Kindergarten Content Standards	Sadlier Math, Kindergarten
M.K.4.1 Decompose numbers less than or equal to 10 into pairs in more than one way by using objects or drawings and record each decomposition by a drawing or equation ($5 = 2 + 3$ and $5 = 4 + 1$).	Chapter 9: 9-1 through 9-4

STANDARD 4 – ALGEBRA AND FUNCTIONS /DATA

Kindergarten Content Standards	<i>Sadlier Math</i>, Kindergarten
M.K.4.2 Organize, represent and interpret data using pictures and pictures graphs.	Chapter 5: 5-4 & 5-5 (tallies) See Grade 1 Chapter 10: 10-1 through 10-4 (tally charts and picture graphs)

STANDARD 5 – MEASUREMENT

Kindergarten Content Standards	<i>Sadlier Math</i>, Kindergarten
M.K.1.1 Compare and order objects indirectly or directly using measurable attributes such as length, height and weight.	Chapter 14: 14-1 through 14-6
M.K.5.2 Demonstrate an understanding of the concept of time using identifiers such as morning, afternoon, day, week, month, year, before/after and shorter/longer.	Chapter 17: 17-1 through 17-5 See also Grade 1 Chapter 15: 15-4 (day, night)